



**Minnesota Pollution
Control Agency**

520 Lafayette Road North
St. Paul, MN 55155-4194

MS4 SWPPP Application for Reauthorization

for the NPDES/SDS General Small Municipal Separate
Storm Sewer System (MS4) Permit MNR040000
reissued with an effective date of August 1, 2013
Stormwater Pollution Prevention Program (SWPPP) Document

Doc Type: Permit Application

Instructions: This application is for authorization to discharge stormwater associated with Municipal Separate Storm Sewer Systems (MS4s) under the National Pollutant Discharge Elimination System/State Disposal System (NPDES/SDS) Permit Program. **No fee** is required with the submittal of this application. Please refer to "Example" for detailed instructions found on the Minnesota Pollution Control Agency (MPCA) MS4 website at <http://www.pca.state.mn.us/ms4>.

Submittal: This MS4 SWPPP Application for Reauthorization form must be submitted electronically via e-mail to the MPCA at ms4permitprogram.pca@state.mn.us from the person that is duly authorized to certify this form. All questions with an asterisk (*) are required fields. All applications will be returned if required fields are not completed.

Questions: Contact Claudia Hochstein at 651-757-2881 or claudia.hochstein@state.mn.us, Dan Miller at 651-757-2246 or daniel.miller@state.mn.us, or call toll-free at 800-657-3864.

General Contact Information (*Required fields)

MS4 Owner (with ownership or operational responsibility, or control of the MS4)

*MS4 permittee name: City of Detroit Lakes *County: Becker
(city, county, municipality, government agency or other entity)

*Mailing address: 1025 Roosevelt Avenue

*City: Detroit Lakes *State: MN *Zip code: 56501

*Phone (including area code): 218-847-5658 *E-mail: lremmen@lakesnet.net

MS4 General contact (with Stormwater Pollution Prevention Program [SWPPP] implementation responsibility)

*Last name: Louiseau *First name: Robert
(department head, MS4 coordinator, consultant, etc.)

*Title: City Administrator

*Mailing address: 1025 Roosevelt Avenue

*City: Detroit Lakes *State: MN *Zip code: 56501

*Phone (including area code): 218-846-7123 *E-mail: blouiseau@lakesnet.net

Preparer information (complete if SWPPP application is prepared by a party other than MS4 General contact)

Last name: Remmen First name: Larry
(department head, MS4 coordinator, consultant, etc.)

Title: Community Development Director

Mailing address: 1025 Roosevelt Avenue

City: Detroit Lakes State: MN Zip code: 56501

Phone (including area code): 218-846-7125 E-mail: lremmen@lakesnet.net

Verification

1. I seek to continue discharging stormwater associated with a small MS4 after the effective date of this Permit, and shall submit this MS4 SWPPP Application for Reauthorization form, in accordance with the schedule in Appendix A, Table 1, with the SWPPP document completed in accordance with the Permit (Part II.D.). ☒ Yes
2. I have read and understand the NPDES/SDS MS4 General Permit and certify that we intend to comply with all requirements of the Permit. ☒ Yes

Certification (All fields are required)

- ☒ Yes - I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted.

I certify that based on my inquiry of the person, or persons, who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete.

I am aware that there are significant penalties for submitting false information, including the possibility of civil and criminal penalties.

This certification is required by Minn. Stat. §§ 7001.0070 and 7001.0540. The authorized person with overall, MS4 legal responsibility must certify the application (principal executive officer or a ranking elected official).

By typing my name in the following box, I certify the above statements to be true and correct, to the best of my knowledge, and that this information can be used for the purpose of processing my application.

Name: Robert Louiseau
(This document has been electronically signed)

Title: City Administrator Date (mm/dd/yyyy): October 29, 2013

Mailing address: 1025 Roosevelt Avenue

City: Detroit Lakes State: MN Zip code: 56501

Phone (including area code): 218-846-7123 E-mail: blouiseau@lakesnet.net

Note: The application will not be
processed without certification.

Stormwater Pollution Prevention Program Document

I. Partnerships: (Part II.D.1)

- A. List the **regulated small MS4(s)** with which you have established a partnership in order to satisfy one or more requirements of this Permit. Indicate which Minimum Control Measure (MCM) requirements or other program components that each partnership helps to accomplish (List all that apply). Check the box below if you currently have no established partnerships with other regulated MS4s. If you have more than five partnerships, hit the tab key after the last line to generate a new row.

☒ No partnerships with regulated small MS4s

| Name and description of partnership | MCM/Other permit requirements involved |
|-------------------------------------|--|
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- B. If you have additional information that you would like to communicate about your partnerships with other regulated small MS4(s), provide it in the space below, or include an attachment to the SWPPP Document, with the following file naming convention: *MS4NameHere_Partnerships*.

II. Description of Regulatory Mechanisms: (Part II.D.2)

Illicit discharges

- A. Do you have a regulatory mechanism(s) that effectively prohibits non-stormwater discharges into your small MS4, except those non-stormwater discharges authorized under the Permit (Part III.D.3.b.)? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

☐ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Direct link:

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_IDDEreg*.

2. If **no**:

Describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

While Section 402 Subdivisions, 5, 6, 7, 8 and 9 deal with illicit discharge, the City will, within 12 months, draft and adopt an Illicit Discharge Ordinance to prohibit non-stormwater discharges into our stormwater system.

Construction site stormwater runoff control

- A. Do you have a regulatory mechanism(s) that establishes requirements for erosion and sediment controls and waste controls? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- ☒ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Section 1007 Erosion and Sediment Control Ordinance

Direct link:

- ☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_CSWreg*.

- B. Is your regulatory mechanism at least as stringent as the MPCA general permit to Discharge Stormwater Associated with Construction Activity (as of the effective date of the MS4 Permit)? ☐ Yes ☒ No

If you answered **yes** to the above question, proceed to C.

If you answered **no** to either of the above permit requirements listed in A. or B., describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City of Detroit Lakes is working to revise its current Erosion and Sediment Control Ordinance so it will be at least as stringent as the MPCA General Permit for construction storm water

- C. Answer **yes** or **no** to indicate whether your regulatory mechanism(s) requires owners and operators of construction activity to develop site plans that incorporate the following erosion and sediment controls and waste controls as described in the Permit (Part III.D.4.a.(1)-(8)), and as listed below:

- | | |
|--|---|
| 1. Best Management Practices (BMPs) to minimize erosion. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 2. BMPs to minimize the discharge of sediment and other pollutants. | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| 3. BMPs for dewatering activities. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 4. Site inspections and records of rainfall events | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 5. BMP maintenance | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 6. Management of solid and hazardous wastes on each project site. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 7. Final stabilization upon the completion of construction activity, including the use of perennial vegetative cover on all exposed soils or other equivalent means. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 8. Criteria for the use of temporary sediment basins. | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City will revise its ordinance within 12 months of the date of permit coverage to meet the requirements of the MS4 general permit.

Post-construction stormwater management

- A. Do you have a regulatory mechanism(s) to address post-construction stormwater management activities? ☒ Yes ☐ No

1. If **yes**:

- a. Check which *type* of regulatory mechanism(s) your organization has (check all that apply):

- ☒ Ordinance ☐ Contract language
☐ Policy/Standards ☐ Permits
☐ Rules
☐ Other, explain: _____

- b. Provide either a direct link to the mechanism selected above or attach it as an electronic document to this form; or if your regulatory mechanism is either an Ordinance or a Rule, you may provide a citation:

Citation:

Ordinance 510.00 Subdivision Regulations

Direct link:

☐ Check here if attaching an electronic copy of your regulatory mechanism, with the following file naming convention: *MS4NameHere_PostCSWreg*.

- B. Answer **yes** or **no** below to indicate whether you have a regulatory mechanism(s) in place that meets the following requirements as described in the Permit (Part III.D.5.a):

1. **Site plan review:** Requirements that owners and/or operators of construction activity submit site plans with post-construction stormwater management BMPs to the permittee for review and approval, prior to start of construction activity. ☒ Yes ☐ No
2. **Conditions for post construction stormwater management:** Requires the use of any combination of BMPs, with highest preference given to Green Infrastructure techniques and practices (e.g., infiltration, evapotranspiration, reuse/harvesting, conservation design, urban forestry, green roofs, etc.), necessary to meet the following conditions on the site of a construction activity to the Maximum Extent Practicable (MEP):
 - a. For new development projects – no net increase from pre-project conditions (on an annual average basis) of: ☐ Yes ☒ No
 - 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of Total Suspended Solids (TSS).
 - 3) Stormwater discharges of Total Phosphorus (TP).
 - b. For redevelopment projects – a net reduction from pre-project conditions (on an annual average basis) of: ☐ Yes ☒ No
 - 1) Stormwater discharge volume, unless precluded by the stormwater management limitations in the Permit (Part III.D.5.a(3)(a)).
 - 2) Stormwater discharges of TSS.
 - 3) Stormwater discharges of TP.
3. **Stormwater management limitations and exceptions:**
 - a. Limitations ☐ Yes ☒ No
 - 1) Prohibit the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) when the infiltration structural stormwater BMP will receive discharges from, or be constructed in areas: ☐ Yes ☒ No
 - a) Where industrial facilities are not authorized to infiltrate industrial stormwater under an NPDES/SDS Industrial Stormwater Permit issued by the MPCA.
 - b) Where vehicle fueling and maintenance occur.
 - c) With less than three (3) feet of separation distance from the bottom of the infiltration system to the elevation of the seasonally saturated soils or the top of bedrock.
 - d) Where high levels of contaminants in soil or groundwater will be mobilized by the infiltrating stormwater.
 - 2) Restrict the use of infiltration techniques to achieve the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), without higher engineering review, sufficient to provide a functioning treatment system and prevent adverse impacts to groundwater, when the infiltration device will be constructed in areas: ☐ Yes ☒ No
 - a) With predominately Hydrologic Soil Group D (clay) soils.
 - b) Within 1,000 feet up-gradient, or 100 feet down-gradient of active karst features.
 - c) Within a Drinking Water Supply Management Area (DWSMA) as defined in Minn. R. 4720.5100, subp. 13.
 - d) Where soil infiltration rates are more than 8.3 inches per hour.
 - 3) For linear projects where the lack of right-of-way precludes the installation of volume control practices that meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)), the permittee's regulatory mechanism(s) may allow exceptions as described in the Permit (Part III.D.5.a(3)(b)). The permittee's regulatory mechanism(s) shall ensure that a reasonable attempt be made to obtain right-of-way during the project planning process. ☐ Yes ☒ No

4. **Mitigation provisions:** The permittee's regulatory mechanism(s) shall ensure that any stormwater discharges of TSS and/or TP not addressed on the site of the original construction activity are addressed through mitigation and, at a minimum, shall ensure the following requirements are met:
- a. Mitigation project areas are selected in the following order of preference: ☐ Yes ☒ No
 - 1) Locations that yield benefits to the same receiving water that receives runoff from the original construction activity.
 - 2) Locations within the same Minnesota Department of Natural Resource (DNR) catchment area as the original construction activity.
 - 3) Locations in the next adjacent DNR catchment area up-stream
 - 4) Locations anywhere within the permittee's jurisdiction.
 - b. Mitigation projects must involve the creation of new structural stormwater BMPs or the retrofit of existing structural stormwater BMPs, or the use of a properly designed regional structural stormwater BMP. ☐ Yes ☒ No
 - c. Routine maintenance of structural stormwater BMPs already required by this permit cannot be used to meet mitigation requirements of this part. ☐ Yes ☒ No
 - d. Mitigation projects shall be completed within 24 months after the start of the original construction activity. ☐ Yes ☒ No
 - e. The permittee shall determine, and document, who will be responsible for long-term maintenance on all mitigation projects of this part. ☐ Yes ☒ No
 - f. If the permittee receives payment from the owner and/or operator of a construction activity for mitigation purposes in lieu of the owner or operator of that construction activity meeting the conditions for post-construction stormwater management in Part III.D.5.a(2), the permittee shall apply any such payment received to a public stormwater project, and all projects must be in compliance with Part III.D.5.a(4)(a)-(e). ☐ Yes ☒ No
5. **Long-term maintenance of structural stormwater BMPs:** The permittee's regulatory mechanism(s) shall provide for the establishment of legal mechanisms between the permittee and owners or operators responsible for the long-term maintenance of structural stormwater BMPs not owned or operated by the permittee, that have been implemented to meet the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)). This only includes structural stormwater BMPs constructed after the effective date of this permit and that are directly connected to the permittee's MS4, and that are in the permittee's jurisdiction. The legal mechanism shall include provisions that, at a minimum:
- a. Allow the permittee to conduct inspections of structural stormwater BMPs not owned or operated by the permittee, perform necessary maintenance, and assess costs for those structural stormwater BMPs when the permittee determines that the owner and/or operator of that structural stormwater BMP has not conducted maintenance. ☐ Yes ☒ No
 - b. Include conditions that are designed to preserve the permittee's right to ensure maintenance responsibility, for structural stormwater BMPs not owned or operated by the permittee, when those responsibilities are legally transferred to another party. ☐ Yes ☒ No
 - c. Include conditions that are designed to protect/preserve structural stormwater BMPs and site features that are implemented to comply with the Permit (Part III.D.5.a(2)). If site configurations or structural stormwater BMPs change, causing decreased structural stormwater BMP effectiveness, new or improved structural stormwater BMPs must be implemented to ensure the conditions for post-construction stormwater management in the Permit (Part III.D.5.a(2)) continue to be met. ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within twelve (12) months of the date permit coverage is extended, these permit requirements are met:

While our existing ordinance address some of these issues, they do not address all of them. The City will revise its ordinance to meet the requirements of the MS4 General Permit.

III. Enforcement Response Procedures (ERPs): (Part II.D.3)

- A. Do you have existing ERPs that satisfy the requirements of the Permit (Part III.B.)? ☐ Yes ☒ No
- 1. If **yes**, attach them to this form as an electronic document, with the following file naming convention: *MS4NameHere_ERPs*.
 - 2. If **no**, describe the tasks and corresponding schedules that will be taken to assure that, with twelve (12) months of the date permit coverage is extended, these permit requirements are met:
Enforcement response procedures will be developed within the next 12 months.

- B. Describe your ERPs:

IV. Storm Sewer System Map and Inventory: (Part II.D.4.)

- A. Describe how you manage your storm sewer system map and inventory:

The City works with Public Utilities to maintain the Stormwater Sewer System Map. The Public Works Department maintains the inventory forms.

- B. Answer **yes** or **no** to indicate whether your storm sewer system map addresses the following requirements from the Permit (Part III.C.1.a-d), as listed below:

1. The permittee's entire small MS4 as a goal, but at a minimum, all pipes 12 inches or greater in diameter, including stormwater flow direction in those pipes. ☐ Yes ☒ No
2. Outfalls, including a unique identification (ID) number assigned by the permittee, and an associated geographic coordinate. ☒ Yes ☐ No
3. Structural stormwater BMPs that are part of the permittee's small MS4. ☒ Yes ☐ No
4. All receiving waters. ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City plans to update and revise its map to include 12 inch pipes within 12 months of the date permit coverage is extended.

- C. Answer **yes** or **no** to indicate whether you have completed the requirements of 2009 Minnesota Session Law, Ch. 172. Sec. 28: with the following inventories, according to the specifications of the Permit (Part III.C.2.a.-b.), including:

1. All ponds within the permittee's jurisdiction that are constructed and operated for purposes of water quality treatment, stormwater detention, and flood control, and that are used for the collection of stormwater via constructed conveyances. ☐ Yes ☒ No
2. All wetlands and lakes, within the permittee's jurisdiction, that collect stormwater via constructed conveyances. ☒ Yes ☐ No

- D. Answer **yes** or **no** to indicate whether you have completed the following information for each feature inventoried.

1. A unique identification (ID) number assigned by the permittee. ☐ Yes ☒ No
2. A geographic coordinate. ☐ Yes ☒ No
3. Type of feature (e.g., pond, wetland, or lake). This may be determined by using best professional judgment. ☒ Yes ☐ No

If you have answered **yes** to all above requirements, and you have already submitted the Pond Inventory Form to the MPCA, then you do not need to resubmit the inventory form below.

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

The City will complete an updated MS4 map that will include ID numbers and geographic coordinates within 12 months of permit coverage.

- E. Answer **yes** or **no** to indicate if you are attaching your pond, wetland and lake inventory to the MPCA on the form provided on the MPCA website at: <http://www.pca.state.mn.us/ms4>, according to the specifications of Permit (Part III.C.2.b.(1)-(3)). Attach with the following file naming convention: *MS4NameHere_inventory*. ☐ Yes ☒ No

If you answered **no**, the inventory form must be submitted to the MPCA MS4 Permit Program within 12 months of the date permit coverage is extended.

V. Minimum Control Measures (MCMs) (Part II.D.5)

A. MCM1: Public education and outreach

1. The Permit requires that, within 12 months of the date permit coverage is extended, existing permittees revise their education and outreach program that focuses on illicit discharge recognition and reporting, as well as other specifically selected stormwater-related issue(s) of high priority to the permittee during this permit term. Describe your **current** educational program, including **any high-priority topics included**:

The City of Detroit Lakes will publish articles relative to stormwater issues and will also maintain this information on the City's website. The City will obtain or develop informational handouts that will be available at City Hall. The handouts will also be distributed from time to time in direct mailings to businesses and residents. The City's Education Program consists of newspaper articles, mailings, public meetings, resident participation and web-based information access and provide links to MPCA and Pelican River Watershed District web-sites. The City will hold an annual public meeting to address stormwater and water quality issues. The City will also maintain its Stormwater Utility Environmental Enterprise Fund.

2. List the categories of BMPs that address your public education and outreach program, including the distribution of educational materials and a program implementation plan. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the U.S. Environmental Protection Agency's (EPA) *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|---|
| Distribute Educational Materials | Maintain City web page annually Update educational materials annually |
| Implement Education Program | Distribute literature to contractors, school groups, etc. Maintain list of available information |
| Public Education & Outreach | Distribute informational handouts Maintain web postings of stormwater information Post opportunities for public participation |
| Education Program: Public Participation | Participate in annual Ground Water Festival Participation in annual Day of Caring clean up activities |
| Education Program: Illicit Discharge | Maintain phone numbers for Illicit Discharge Reporting Publish or post article on Illicit Discharge annually |
| Education Program: Construction Site Run Off Control | Post construction site run-off control article to web-site annually Publish article annually Distribute information to contractors as needed |
| Education Program: Post Construction Stormwater Management | Post article on web-site annually Publish article annually Distribute information to contractors |
| Education Program: Pollution prevention & good housekeeping | Post article on web-site Publish article Conduct staff training annually |
| Coordination of Education Program | Maintain link to MPCA & other web pages for water resource information |
| Annual Public Meeting | Conduct annual public meeting about stormwater and water quality issues |
| Environmental Utility Fund | Review rate structure and change rates as needed |
| BMP categories to be implemented | Measurable goals and timeframes |
| Pond Assessment Procedures | Within 12 months, the City will develop a procedure for determining TSS and TP effectiveness of City owned stormwater ponds. Implement pond assessment schedule in years 2-5. Assess 25% of ponds in each year 2-5. |
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3. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Robert Louiseau, City Administrator

B. MCM2: Public participation and involvement

1. The Permit (Part III.D.2.a.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement a public participation/involvement program to solicit public input on the SWPPP. Describe your current program:

The City will provide at least 30 days notice to residents through the local newspaper relating to the date, time and details of the annual public meeting. The meeting will be held in February-March of each year to present progress to date on the City's SWPPP for the past year and required activities for the following year. The City will follow applicable public notice requirements and solicit public opinion about the adequacy of the SWPPP. The City will consider both written and oral public comments.

2. List the categories of BMPs that address your public participation/involvement program, including solicitation and documentation of public input on the SWPPP. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|---|
| Annual Meeting | Hold meeting in February or March of each year |
| Comply with public notice requirements | Provide 30 day notice of public meeting in official newspaper |
| | Specify format and timing of meeting to ensure fair consideration to all views. |
| Solicit public input on the adequacy of the SWPPP | Provide opportunity for public input |
| | Have draft annual report available at public meeting |
| Consider public input | Summarize comments and analyze needs for adjustment to the SWPPP |
| | Incorporate significant changes identified into the SWPPP |
| | |
| BMP categories to be implemented | Measurable goals and timeframes |
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3. Do you have a process for receiving and documenting citizen input? ☒ Yes ☐ No

If you answered **no** to the above permit requirement, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Robert Louiseau, City Administrator

C. MCM 3: Illicit discharge detection and elimination

1. The Permit (Part III.D.3.) requires that, within 12 months of the date permit coverage is extended, existing permittees revise their current program as necessary, and continue to implement and enforce a program to detect and eliminate illicit discharges into the small MS4. Describe your current program:

The City will prepare a map that shows the location of portions of the City storm sewer system, treatment facility components and receiving water bodies. The map currently helps facilitate management of the overall illicit discharge detection and elimination program and the BMP maintenance program. An electronic (GIS/CAD based) storm system infrastructure map of the MS4 will be completed to help coordinate management activities to remove illicit connections and track storm system inspections and maintenance. The map will identify:

- 1) *Ponds, streams, lakes and wetlands that are part of the City's storm system;*
- 2) *Structural pollution control devices (grit chambers, separators, etc.);*
- 3) *All pipes and conveyances as a goal, but at a minimum, those pipes that are 12 inches in diameter and over;*
- 4) *Outfalls to receiving waters and other MS4s, structures that discharge directly to groundwater, overland discharge points and all other points that are outlets, but not diffuse flow areas;*

The City will review its ordinances to determine if they adequately meet the illicit discharge requirements and amend its ordinance if needed.

The City will also continue to participate in the County Hazardous Waste and Recycling Program which collects: adhesives, aerosol spray products, automotive products, fluorescent lamps, furniture refinishing products, household cleaners, paint, stain, pool chemicals, pesticides, herbicides, insecticides

The City has explored opportunities to expand existing inspection programs to address illicit connections and illegal dumping detection and elimination. The City has coordinated current activities with the Complaint Response Program and related inspection and monitoring activities. This will be one of the methods by which the City monitors for illicit discharges into and from their system.

A range of potentially polluting activities occurs throughout the City (e.g., construction projects, hazardous materials handling, used oil and pesticide disposal, etc.) that can be identified and better addressed through this program. The City inspecting storm system outfalls will be one step in tracking down illicit discharges or other potential water quality hazards that may impact the MS4 System.

City staff meets regularly to discuss storm water related issues, one of which is the need for training for City personnel and issues relating to illicit discharges.

Internal spill prevention and control training is held annually and includes personnel from street maintenance, sewer maintenance and vehicle maintenance. Illicit discharge and response is also covered in the internal training session.

The City has reviewed the following categories of non-storm discharges or flows (i.e. illicite discharges) and has determined that none identified in the list are known to be significant contributors of pollutants to our system at this time. The City will review this list annually.

| Category | Significant Contributor? |
|----------|--------------------------|
|----------|--------------------------|

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|---------------------|----|
| Water line flushing | No |
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| Landscape irrigation | No |
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| Diverted stream flows | No |
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| Rising ground waters | No |
|----------------------|----|

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| Uncontaminated ground water | No |
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| Uncontaminated pumped ground water | No |
|------------------------------------|----|

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| Discharges from portable water sources | No |
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|-------------------|----|
| Foundation drains | No |
|-------------------|----|

| Category | Significant Contributor: (Continued) |
|----------|--------------------------------------|
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|-------------------------------|----|
| Air conditioning condensation | No |
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|------------------|----|
| Irrigation water | No |
|------------------|----|

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|---------|----|
| Springs | No |
|---------|----|

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|------------------------------|----|
| Water from crawl space pumps | No |
|------------------------------|----|

Footing drains No
 Lawn watering No
 Individual residential car washing No
 Flows from riparian habitats and wetlands No
 Dechlorinated swimming pool discharges No
 Street wash water No
 Discharges or flows from fire fighting activities No

2. Does your Illicit Discharge Detection and Elimination Program meet the following requirements, as found in the Permit (Part III.D.3.c.-g.)?
- a. Incorporation of illicit discharge detection into all inspection and maintenance activities conducted under the Permit (Part III.D.6.e.-f.) Where feasible, illicit discharge inspections shall be conducted during dry-weather conditions (e.g., periods of 72 or more hours of no precipitation). ☒ Yes ☐ No
 - b. Detecting and tracking the source of illicit discharges using visual inspections. The permittee may also include use of mobile cameras, collecting and analyzing water samples, and/or other detailed procedures that may be effective investigative tools. ☒ Yes ☐ No
 - c. Training of all field staff, in accordance with the requirements of the Permit (Part III.D.6.g.(2)), in illicit discharge recognition (including conditions which could cause illicit discharges), and reporting illicit discharges for further investigation. ☒ Yes ☐ No
 - d. Identification of priority areas likely to have illicit discharges, including at a minimum, evaluating land use associated with business/industrial activities, areas where illicit discharges have been identified in the past, and areas with storage of large quantities of significant materials that could result in an illicit discharge. ☒ Yes ☐ No
 - e. Procedures for the timely response to known, suspected, and reported illicit discharges. ☒ Yes ☐ No
 - f. Procedures for investigating, locating, and eliminating the source of illicit discharges. ☒ Yes ☐ No
 - g. Procedures for responding to spills, including emergency response procedures to prevent spills from entering the small MS4. The procedures shall also include the immediate notification of the Minnesota Department of Public Safety Duty Officer, if the source of the illicit discharge is a spill or leak as defined in Minn. Stat. § 115.061. ☒ Yes ☐ No
 - h. When the source of the illicit discharge is found, the permittee shall use the ERPs required by the Permit (Part III.B.) to eliminate the illicit discharge and require any needed corrective action(s). ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

3. List the categories of BMPs that address your illicit discharge, detection and elimination program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|---|
| Storm Sewer System Map | Prepare GIS or CAD based map of the storm sewer system including all ponds, lakes, streams, wetlands, structural devices, pipes 12 inches and larger, conveyances and outfalls to receiving waters. |
| Regulatory Control Program | Review existing ordinances to determine if they are adequately meeting the Illicit Discharge Requirements. Update or revise illicit discharge ordinances if needed. |
| Illicit Discharge Detection & Elimination Plan | Respond to complaints or information related to potential illicit discharges and illegal dumping. Implement an inspection program |
| Public & Employee Illicit Discharge Information Program | Distribute information related to illicit discharges in conjunction with BMP 1c-2. |

| | |
|--|--|
| | Conduct annual staff training related to storm water issues. |
| Identification Of Non-Storm Water Discharges & Flows | Review the non-stormwater discharge list annually to evaluate the significance of each potential source. |
| BMP categories to be implemented | Measurable goals and timeframes |
| Storm Sewer System Map & Inventory | Within 12 months update storm sewer system map and inventory to include all ponds, lakes, streams, wetlands, structural devices, pipes 12 inches and larger, conveyance and outfalls. Include ID number on map and geographic coordinates on inventory forms within 12 months complete MPCA inventory form |
| | |
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| | |

4. Do you have procedures for record-keeping within your Illicit Discharge Detection and Elimination (IDDE) program as specified within the Permit (Part III.D.3.h.)? ☐ Yes ☒ No

If you answered **no**, indicate how you will develop procedures for record-keeping of your Illicit Discharge, Detection and Elimination Program, within 12 months of the date permit coverage is extended:

The City will develop a record keeping system for illicit discharge detection and elimination

5. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Brad Green, :Public Works Director

D. MCM 4: Construction site stormwater runoff control

1. The Permit (Part III.D.4) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a construction site stormwater runoff control program. Describe your current program:

The City will develop an appropriate ordinance or other regulatory mechanism to require erosion and sediment control standards. The City will develop a process for construction site inspections. The City has a current policy that addresses construction site waste controls. The policy is related to building code enforcement but also gives the City the authority to address issues relating to potential water quality hazards of construction site waste management. City Code as well as the water shed organizations also addresses this issue. However, the City will review this policy and consider if ordinance amendments are needed. The City will develop a process for site review on sites with land disturbance activities. The City will use their existing system or responding to calls to the Public Works Department on stormwater related concerns. The program phone number and process will be noticed in the City Newsletter and on the web page. Residents of the City will be able to use the call line to report illicit discharges, report construction site erosion or sedimentation concerns and provide comments on the City's SWPPP. The City will develop a process for site inspections on sites with land disturbance activities,

2. Does your program address the following BMPs for construction stormwater erosion and sediment control as required in the Permit (Part III.D.4.b.):

- a. Have you established written procedures for site plan reviews that you conduct prior to the start of construction activity? ☐ Yes ☒ No
- b. Does the site plan review procedure include notification to owners and operators proposing construction activity that they need to apply for and obtain coverage under the MPCA's general permit to *Discharge Stormwater Associated with Construction Activity No. MN R100001*? ☐ Yes ☒ No
- c. Does your program include written procedures for receipt and consideration of reports of noncompliance or other stormwater related information on construction activity submitted by the public to the permittee? ☒ Yes ☐ No
- d. Have you included written procedures for the following aspects of site inspections to determine compliance with your regulatory mechanism(s):
 - 1) Does your program include procedures for identifying priority sites for inspection? ☐ Yes ☒ No
 - 2) Does your program identify a frequency at which you will conduct construction site inspections? ☐ Yes ☒ No
 - 3) Does your program identify the names of individual(s) or position titles of those responsible for conducting construction site inspections? ☒ Yes ☐ No
 - 4) Does your program include a checklist or other written means to document construction site inspections when determining compliance? ☐ Yes ☒ No
- e. Does your program document and retain construction project name, location, total acreage to be ☐ Yes ☒ No

disturbed, and owner/operator information?

- f. Does your program document stormwater-related comments and/or supporting information used to determine project approval or denial? ☐ Yes ☒ No
- g. Does your program retain construction site inspection checklists or other written materials used to document site inspections? ☐ Yes ☒ No

If you answered **no** to any of the above permit requirements, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met.

See D. I. above

3. List the categories of BMPs that address your construction site stormwater runoff control program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|---|
| Establish procedures to receive and consider reports of stormwater non-compliance | Post City stormwater call number on the web-site 847-4637 |
| | Record calls and nature of complaint |
| | Record staff inspections resulting from calls |
| | Record follow-up actions |

| BMP categories to be implemented | Measurable goals and timeframes |
|--|---|
| Ordinance and other regulatory mechanism | Within 12 months the City will revise its current Erosion and Sediment Control Ordinance to meet the MS4 Permit requirements and be at least as stringent as the MPCA general permit for construction stormwater discharge. |
| Implementation of construction site erosion & sediment control BMP's | Within 12 months, the City will incorporate construction site erosion and sediment control BMP's in its Erosion & Sediment Control Ordinance. The City conducts inspections of regulated construction sites. |
| | Record the number of non-compliant site |
| | Record the number of sites where City clean up is needed |
| | Review ordinance language for revisions specific to stormwater run-off control |
| Waste controls for construction site operations | Make formal ordinance changes as needed |
| | Review development plans for sites that included land disturbance activities |
| | Record number of projects reviewed annually |
| Procedures for site plan review | Track the number and type of stormwater management BMP's proposed |
| | Within 12 months develop a site inspection process |
| | Record number of sites inspected |
| Establish procedures for site inspections and enforcement | Record number of non-compliant sites |
| | Record number of sites where City clean up is needed |

4. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Larry Remmen, Community Development Director

Dave Neisen, Building Official

Robert Louiseau, City Administrator

1. The Permit (Part III.D.5.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement and enforce a post-construction stormwater management program. Describe your current program:

Sucker Creek has been designated by the State as a trout stream. The City will include a section in its Erosion & Sediment Control Ordinance to regulate discharges to trout waters that include the following:

- If the discharge cannot be avoided, the City will consider measures to protect water quality and prevent temperature increases. Acceptable measures include reduce the impervious surfaces diversion away from the stream and use of filter strips, infiltration, biofiltration, or enhanced grass swales to treat runoff before discharge to the trout water. Alternatives to ponds will be specifically encouraged for trout water discharges if they provide equivalent treatment.*

2. Have you established written procedures for site plan reviews that you will conduct prior to the start of construction activity? ☒ Yes ☐ No

3. Answer **yes** or **no** to indicate whether you have the following listed procedures for documentation of post-construction stormwater management according to the specifications of Permit (Part III.D.5.c):

a. Any supporting documentation that you use to determine compliance with the Permit (Part III.D.5.a), including the project name, location, owner and operator of the construction activity, any checklists used for conducting site plan reviews, and any calculations used to determine compliance? ☐ Yes ☒ No

b. All supporting documentation associated with mitigation projects that you authorize? ☐ Yes ☒ No

c. Payments received and used in accordance with Permit (Part III.D.5.a.(4)(f))? ☐ Yes ☒ No

d. All legal mechanisms drafted in accordance with the Permit (Part III.D.5.a.(5)), including date(s) of the agreement(s) and names of all responsible parties involved? ☐ Yes ☒ No

The City will adopt a post construction Stormwater Management Policy that will meet the permit requirements.

- Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. Refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>). **If you have more than five categories**, hit the tab key after the last line to generate a new row.

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| | |
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| Regulating mechanism to address post construction run-off from new development & redevelopment | Review development standards in City Code Revise City Code if needed Review standards following changes to the NPDES' Permit Program. TMDL studies or other significant program changes. Record any discharges to trout waters |
| Long term operations and maintenance of BMPs | Require maintenance agreement on new BMPS Record the number of new private systems where maintenance agreements have been completed. |
| | |
| | |

5. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Larry Remmen, Community Development Director

Robert Louiseau, City Administrator

F. MCM 6: Pollution prevention/good housekeeping for municipal operations

1. The Permit (Part III.D.6.) requires that, within 12 months of the date permit coverage is extended, existing permittees shall revise their current program, as necessary, and continue to implement an operations and maintenance program that prevents or reduces the discharge of pollutants from the permittee owned/operated facilities and operations to the small MS4. Describe your current program:

City staff participates in Spill Prevention & Control Training held annually. Public Works personnel from street maintenance, sewers and vehicle maintenance are required to attend. The park maintenance crew also attends.

The goal of the internal staff training event is to prevent or reduce the discharge of pollutants into the City's stormwater system and city water bodies. Training will address activities and best management practices to be followed during park and open space maintenance, fleet and building maintenance, new construction and storm system maintenance.

The City will continue the current street sweeping program for vehicle safety, pedestrian safety, and water quality and environmental reasons. Street sweeping will be done as weather permits. (later March to early April) through the first snowfall. The City also prioritizes sweeping to large key areas of the City.

The City currently operates a program of cleaning structural BMPs including catch basins, storm water ponds and system outfalls. City staff inspects system components to look for sediment and debris buildup and proper functioning of the system and illicit discharges. The City is developing a more detailed database for the storm system that will be used to better track inspection activities and initiate maintenance work orders. The City will continue this program and look for opportunities to improve the tracking of inspections results and program efficiency. The inspection program will be coordinated with the BMP and Outfall mapping updates.

The City currently operates material stockpiles and handling areas at several locations within the City. The City inspects these areas at least annually and conducts maintenance as needed as part of the overall storm system maintenance program. The City will continue this program and look for opportunities to improve the tracking of inspection results and program efficiency. The inspection program will be coordinated with the BMP and outfall mapping updates.

Note: All materials are in an enclosed facility.

The City currently uses the SEH Permit Tracker System to keep track of inspections and to maintain all records for the minimum required time. The City also keeps copies of the Street Department's work orders.

2. Do you have a facilities inventory as outlined in the Permit (Part III.D.6.a.)? ☒ Yes ☐ No
3. If you answered **no** to the above permit requirement in question 2, describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, this permit requirement is met:

4. List the categories of BMPs that address your pollution prevention/good housekeeping for municipal operations program. Use the first table for categories of BMPs that you have established and the second table for categories of BMPs that you plan to implement over the course of the permit term.

Include the measurable goals with appropriate timeframes that each BMP category will be implemented and completed. In addition, provide interim milestones and the frequency of action in which the permittee will implement and/or maintain the BMPs. For an explanation of measurable goals, refer to the EPA's *Measurable Goals Guidance for Phase II Small MS4s* (<http://www.epa.gov/npdes/pubs/measurablegoals.pdf>).

If you have more than five categories, hit the tab key after the last line to generate a new row.

| Established BMP categories | Measurable goals and timeframes |
|---|--|
| Municipal Operations & Maintenance | Conduct annual staff training related to stormwater and illicit discharges Track staff attending the event and topics covered Conduct meetings as needed to discuss storm water priorities and activities |
| Street Sweeping | Sweep at least once in the spring each year. (Conduct additional fall sweeping as weather permits) Sweep priority areas as needed Estimate the number of miles swept annually Estimate the amount of material collected |
| Annual inspection of all structural pollution control devices | Inspect 100% of all pollution control devices Follow up on any actions needed based on inspection Record inspection date, weather conditions and result of each inspection Record dates for completing major maintenance activities |
| Inspection of a minimum of 20 percent of system outfalls, basins & ponds annually on a rotating basis | Inspect at least 20 percent of system outfalls, basins and ponds annually. Follow-up on any actions needed based on inspections Record inspection date, weather conditions and result of each inspection Record dates for completing major maintenance activities |
| Quarterly inspection of all exposed stock piles, and storage and material handling areas | Inspect material stockpile and handling areas quarterly Follow-up on any actions needed based on inspections Record inspection date, weather conditions and result of each inspection Record dates for completing major maintenance activities |
| Inspection Follow-up on repair, replacement and maintenance measures | Inspect and maintain system based on priorities established by the City Track the maintenance and general conditions of the system Record major maintenance activities |
| Record reporting and retention of all inspections and responses to inspections | Continue to track inspection program data in current system Develop a mapping and data based system to accommodate all City stormsewer system infrastructure Maintain and update database |
| Evaluation inspection frequency | Re-evaluate inspection schedule and frequencies following annual reporting results |

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|---|---|
| | Increase or decrease frequency as warranted |
| | |
| BMP categories to be implemented | Measurable goals and timeframes |
| Pond Assessment Procedures | Within 12 months the City will develop a procedure for determining TSS and TP effectiveness of City owned stormwater ponds, implement pond assessment schedule in year 2-5, assess 25% of ponds in each year 2-5. |
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| | |
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5. Does discharge from your MS4 affect a Source Water Protection Area (Permit Part III.D.6.c.)? ☐ Yes ☒ No

a. If **no**, continue to 6.

b. If **yes**, the Minnesota Department of Health (MDH) is in the process of mapping the following items. Maps are available at <http://www.health.state.mn.us/divs/eh/water/swp/maps/index.htm>. Is a map including the following items available for your MS4:

1) Wells and source waters for drinking water supply management areas identified as vulnerable under Minn. R. 4720.5205, 4720.5210, and 4720.5330? ☐ Yes ☐ No

2) Source water protection areas for surface intakes identified in the source water assessments conducted by or for the Minnesota Department of Health under the federal Safe Drinking Water Act, U.S.C. §§ 300j – 13? ☐ Yes ☐ No

c. Have you developed and implemented BMPs to protect any of the above drinking water sources? ☐ Yes ☐ No

6. Have you developed procedures and a schedule for the purpose of determining the TSS and TP treatment effectiveness of all permittee owned/operated ponds constructed and used for the collection and treatment of stormwater, according to the Permit (Part III.D.6.d.)? ☐ Yes ☒ No

7. Do you have inspection procedures that meet the requirements of the Permit (Part III.D.6.e.(1)-(3)) for structural stormwater BMPs, ponds and outfalls, and stockpile, storage and material handling areas? ☒ Yes ☐ No

8. Have you developed and implemented a stormwater management training program commensurate with each employee's job duties that:

a. Addresses the importance of protecting water quality? ☒ Yes ☐ No

b. Covers the requirements of the permit relevant to the duties of the employee? ☒ Yes ☐ No

c. Includes a schedule that establishes initial training for new and/or seasonal employees and recurring training intervals for existing employees to address changes in procedures, practices, techniques, or requirements? ☒ Yes ☐ No

9. Do you keep documentation of inspections, maintenance, and training as required by the Permit (Part III.D.6.h.(1)-(5))? ☒ Yes ☐ No

If you answered **no** to any of the above permit requirements listed in **Questions 5 – 9**, then describe the tasks and corresponding schedules that will be taken to assure that, within 12 months of the date permit coverage is extended, these permit requirements are met:

F.6. We are currently examining methods for assessing ponds to determine TS and TP effectiveness of City owned stormwater ponds. A schedule of pond assessment will be implemented in years 2-5 of the permit.

10. Provide the name or the position title of the individual(s) who is responsible for implementing and/or coordinating this MCM:

Brad Green Director of Public Works

Larry Remmen, Community Development Director

VI. Compliance Schedule for an Approved Total Maximum Daily Load (TMDL) with an Applicable Waste Load Allocation (WLA) (Part II.D.6.)

- A. Do you have an approved TMDL with a Waste Load Allocation (WLA) prior to the effective date of the Permit? ☐ Yes ☒ No
1. If **no**, continue to section VII.
 2. If **yes**, fill out and attach the MS4 Permit TMDL Attachment Spreadsheet with the following naming convention: *MS4NameHere_TMDL*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VII. Alum or Ferric Chloride Phosphorus Treatment Systems (Part II.D.7.)

- A. Do you own and/or operate any Alum or Ferric Chloride Phosphorus Treatment Systems which are regulated by this Permit (Part III.F.)? ☐ Yes ☒ No
1. If **no**, this section requires no further information.
 2. If **yes**, you own and/or operate an Alum or Ferric Chloride Phosphorus Treatment System within your small MS4, then you must submit the Alum or Ferric Chloride Phosphorus Treatment Systems Form supplement to this document, with the following naming convention: *MS4NameHere_TreatmentSystem*.

This form is found on the MPCA MS4 website: <http://www.pca.state.mn.us/ms4>.

VIII. Add any Additional Comments to Describe Your Program

3 of this Ordinance, the City may, after providing written notice to the owner, begin assessing a monthly sanitary sewer availability charge to the owner at an amount as set by the City Council, or in lieu of such action, the City may otherwise undertake to have said connection made and shall assess the cost thereof against the benefitted property. Such assessment shall be a lien against said property. Such assessment, when levied, shall bear interest at the legal rate for local improvements and shall be certified to the Auditor of the County of Becker, Minnesota, and shall be collected and remitted to the City in the same manner as assessments for local improvements. The rights of the City shall be in addition to any penalty provisions for violation of this Ordinance. **(Amended 01-10-2012 Ord. #358)**

Subdivision 5. No person shall discharge or cause to be discharged directly or indirectly any storm water, groundwater, roof runoff, subsurface drainage, sump pump waters, waste from on-site disposal systems, unpolluted cooling or processing water to any sanitary sewer except as permitted by the City through written contracts, agreements or policies. **Amended: 3/7/95 Ord. No. 117**

Subdivision 6. Storm water and all other unpolluted water shall be discharged to a storm sewer, except that unpolluted cooling or processing water shall only be so discharged upon approval by the City and upon approval and the issuance of a discharge permit by the Minnesota Pollution Control Agency.

Subdivision 7. No person shall discharge or cause to be discharged directly or indirectly, any of the following described substances to any public sewer:

- a) Any gasoline, benzene, naphtha, fuel oil, or other flammable or explosive liquid, solid or gas.
- b) Any water or wastes containing toxic or poisonous solids, liquids or gases in sufficient quantity, either singly or by interaction with other wastes, to injure or interfere with any wastewater treatment process, constitute a hazard to humans or animals, create a public nuisance, or create any hazard in the wastewater treatment works.

A toxic pollutant shall include but not be limited to any pollutant identified pursuant to Section 307A of the Clean Water Act.

- c) Any water or waste having a pH lower than 5.5 or having any other corrosive property capable of causing damage or hazard to structures, equipment and personnel of the wastewater treatment works.
- d) Solid or viscous substances, either whole or ground, in

quantities or of such size capable of causing obstruction to the flow in the sewers, or other interference with the proper continuation of the wastewater facilities, but not limited to ashes, cinders, disposable diapers, glass grinding or polishing wastes, stone cuttings or polishing wastes, sand, mud, straw, shavings, metal, glass, rags, feathers, tar, plastics, wood, unground garbage, whole blood, paunch manure, hair and fleshings, entrails, sanitary napkins, paper dishes, cups, milk containers and other paper products.

e) Noxious or malodorous liquids, gases or substances which either singly or by interaction with other wastes are sufficient to create a public nuisance or hazard to life or are sufficient to prevent entry into the sewers for their maintenance or repairs.

Subdivision 8. No person shall discharge or cause to be discharged directly or indirectly the following described sub-stances to any public sewer without first obtaining a permit from the City Administrator for such discharge. Said discharge permit shall not be issued unless, in the opinion of the Public Utilities Commission, such discharge will not harm the wastewater facilities, nor cause obstruction to the flow in the sewers, nor otherwise endanger life, limb, or public property, nor constitute a nuisance. In forming its opinion as to the acceptability of the wastes, the City may give consideration to such factors as the quantities of the subject wastes in relation to flows and velocities in the sewers, materials or construction of the sewers, nature of the wastewater treatment process, capacity of the wastewater treatment plant, the City's NPDES permit, and other pertinent factors. The City may make such determinations either on a general basis or as to discharges from individual users or specific discharges, any may prohibit certain discharges from individual users because of unusual concentrations or combinations which may occur.

The substances prohibited are:

a) Any liquid or vapor having a temperature in excess of one hundred fifty (150) degrees F. (65 degrees C.).

b) Any water or waste containing fats, wax, grease or oils, whether emulsified or not, in excess of one hundred (100) milligrams per liter or containing substances which may solidify or become viscous at temperatures between thirty-two (32) and one hundred fifty (150) degrees F. (zero (0) and sixty-five (65) degrees C.).

c) Any garbage that has not been ground or comminuted to such degree that all particles will be carried freely in suspension under flows normally prevailing in the public sewers, with no particles greater than one-half (1/2) inch in any dimension.

- d) Any water or wastes containing strong acid, iron pickling wastes, or concentrated plating solutions, whether neutralized or not.
- e) Any water or wastes containing phenols or other taste or odor producing substances which constitute a nuisance or hazard to the structures, equipment, or personnel of the wastewater works, or which interfere with the treatment required to meet the requirements of the State or Federal Government, or any other public agency with proper authority to regulate the discharge from the wastewater treatment plant.
- f) Any radioactive wastes or isotopes of such half-life or concentration that they are not in compliance with regulations issued by the appropriate authority having control over their use or may cause damage or hazards to the treatment works or personnel operating it.
- g) Any water or wastes having a pH in excess of 9.5.
- h) Materials which exert or cause:
 - 1) Unusual concentrations of suspended solids, (such as, but not limited to, Fuller's earth, lime slurries, and lime residues) or of dissolved solids (such as, but not limited to, sodium chloride or sodium sulfate).
 - 2) Excessive discoloration (such as, but not limited to, dye wastes and vegetable tanning solutions).
 - 3) Unusual BOD, chemical oxygen demand, or chlorine requirements in such quantities as to constitute a significant load on the wastewater treatment works. The BOD discharged to the public sewer shall not exceed 400 mg/l.
 - 4) Unusual volume of flow or concentration of wastes constituting a slug.
 - 5) Water or water containing substances which are not amenable to treatment or reduction by the wastewater treatment processes employed, or are amenable to treatment only to such degree that the wastewater treatment plant effluent cannot meet the requirements of the NPDES Permit, or requirements of other governmental agencies having jurisdiction over discharge from the wastewater treatment plant.

Subdivision 9. If any water or wastes are discharged, or are proposed to be discharged directly or indirectly to the public sewers, which water or wastes do not meet the standards set out in or promulgated under this

Subsection, or which in the jurisdiction of the City may have a deleterious effect upon the treatment works, processes, equipment, or receiving waters, or which otherwise create a hazard to life, or constitute a public nuisance, the City may take all or any of the following steps:

- a) Refuse to accept the discharges.
- b) Require control over the quantities and rates of discharge.
- c) Require pretreatment to an acceptable condition for the discharge to the public sewers.
- d) Require payment to cover the added costs of handling or treating the wastes.

The design and installation of the plant and equipment for pre-treatment or equalization of flows shall be subject to the review and approval of the City, and subject to the requirements of 40 CFR 403, entitled "Pretreatment Standards", and the Minnesota Pollution Control Agency.

Subdivision 10. Grease, oil and mud interceptors shall be provided by the property owner when they are determined by the City to be necessary for the proper handling of liquid wastes containing floatable grease in excessive amounts, as specified in Subdivision 8 b) of this Ordinance, or any flammable wastes, sand, or other harmful ingredients; except that such interceptors shall not be required for private living quarters or dwelling units. All interceptors shall be a type and capacity approved by the City and shall be located as to be readily and easily accessible for cleaning and inspection.

Subdivision 11. Where preliminary treatment flow equalization, or interceptors are required for any water or waste, they shall be effectively operated and maintained continuously in satisfactory and effective condition by the owner at his expense and shall be available for inspection by the City at all reasonable times.

Subdivision 12. When required by the City, the owner of any property serviced by a building sewer carrying industrial wastes shall install a suitable control structure together with such necessary meters and other appurtenances in the building sewer to facilitate observation, sampling and measurement of the wastes. Such structure and equipment, when required, shall be constructed at the owner's expense in accordance with plans approved by the City and shall be maintained by the owner so as to be safe and accessible at all times.

Subdivision 13. All measurements, tests and analyses of the characteristics of water and waste to which reference is made in this Ordinance